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Group Art Unit: 3743

Amendments to the Specification

Please amend paragraphs 52 and 68 as shown below:

[052] The self-sealing diaphragm 150 includes a substantially cylindrical central portion 152 and an umbrella-like outer portion 156 integrally formed with the central portion 152. Central portion 152 includes a cavity 154 for receiving stud 112 and attaching diaphragm 150 to hub 128. Outer portion 156 includes a convex hinge portion 158 positioned between the central portion 152 and radially inwardly of rib 132. Outer portion 156 includes an annular skirt 160 having an outer edge 162 for forming a seal in cooperation with sealing surface 144. Skirt 160 is further arranged to contact or be in close proximity to the upper ~~tip~~ annular surface 134 of rib 132.

[068] A third embodiment of a self-sealing mechanism 400 according to the invention is shown in FIGS. 13-16. Mechanism 400 comprises a raised perimeter wall 420 having an inwardly projecting lip 416 and defining a central cavity 402 that terminates at a lower portion in a central hub 404 parallel to lip 416. Hub 404 and annular pivot ring 418 are centered in cavity 402 by a plurality of radial spokes 424 connecting hub 404 and pivot ring 418 to lip 416, spokes 424 further defining a plurality of radial openings 426 therebetween. Annular pivot ring 418 comprises an annular upstanding pivot rim 419 perpendicular to the pivot ring 418. Hub 404 further comprises opposing studs 406, 408, perpendicular to the plane defined as the bottom of cavity 402, for receiving conical seal 410 and resilient inhalation valve 428 respectively. Valve 428 is substantially as described above as valve 68 in FIGS. 2-6.